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RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/853,080

TIME: 15:37:37

Input Set : A:\VANMA48001CP1SEQLIST.txt

Output Set: N:\CRF3\10292001\I853080.raw

4 <110> APPLICANT: Laub, Ruth
 5 Di Giambattista, Mario
 7 <120> TITLE OF INVENTION: ANTIGENIC POLYPEPTIDE SEQUENCES OF FACTOR
 8 VIII, FRAGMENTS AND/OR EPITOPES OF THESE SEQUENCES

11 <130> FILE REFERENCE: VANMA48.001CP1

13 <140> CURRENT APPLICATION NUMBER: US 09/853,080 *OK*

14 <141> CURRENT FILING DATE: 2001-05-09

16 <150> PRIOR APPLICATION NUMBER: US 08/765,837

17 <151> PRIOR FILING DATE: 1999-09-07

19 <150> PRIOR APPLICATION NUMBER: PCT/BE95/00068

20 <151> PRIOR FILING DATE: 1995-07-14

22 <150> PRIOR APPLICATION NUMBER: BE 9400666

23 <151> PRIOR FILING DATE: 1994-07-14

25 <160> NUMBER OF SEQ ID NOS: 33

27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

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30 <211> LENGTH: 17

31 <212> TYPE: PRT

32 <213> ORGANISM: Homo sapiens ✓

34 <220> FEATURE:

35 <223> OTHER INFORMATION: epitope Arg 1648 to Tyr 1664 of A3 domain of ✓

36 Factor VIII

38 <400> SEQUENCE: 1

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40 1 5 10 15

41 Tyr

45 <210> SEQ ID NO: 2

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47 <212> TYPE: PRT

48 <213> ORGANISM: Homo sapiens ✓

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51 <223> OTHER INFORMATION: epitope Asp 1681 to Arg 1696 of A3 domain of ✓

52 Factor VIII

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60 <211> LENGTH: 10

61 <212> TYPE: PRT

62 <213> ORGANISM: Homo sapiens ✓

64 <220> FEATURE:

65 <223> OTHER INFORMATION: epitope Thr 1739 to Tyr 1748 of A3 domain of ✓

66 Factor VIII

68 <400> SEQUENCE: 3

69 Thr Asp Gly Ser Phe Thr Gln Pro Leu Tyr

70 1 5 10

73 <210> SEQ ID NO: 4

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76 <213> ORGANISM: Homo sapiens
78 <220> FEATURE:
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83 Asn Gln Ala Ser Arg Pro Tyr Ser Phe
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88 <211> LENGTH: 22
89 <212> TYPE: PRT
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92 <220> FEATURE:
93 <223> OTHER INFORMATION: epitope Glu 1794 to Tyr 1815 of A3 domain of ✓
94     Factor VIII
96 <400> SEQUENCE: 5
97 Glu Asp Gln Arg Gln Gly Ala Glu Pro Arg Lys Asn Phe Val Lys Pro
98 1           5             10             15
99 Asn Glu Thr Lys Thr Tyr
100           20
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 9
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119 <212> TYPE: PRT
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122 <220> FEATURE:
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124     Factor VIII
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127 Glu Thr Lys Ser Trp Tyr Phe
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133 <212> TYPE: PRT
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136 <220> FEATURE:
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138     Factor VIII
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152 Factor VIII
154 <400> SEQUENCE: 9
155 Asp Pro Thr Phe Lys Glu Asn Tyr Arg
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164 <220> FEATURE:
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169 Ser Asn Lys Cys Gln Thr Pro Leu Gly Met Ala Ser Gly His
170 1 5 10
173 <210> SEQ ID NO: 11
174 <211> LENGTH: 21
175 <212> TYPE: PRT
176 <213> ORGANISM: Homo sapiens
178 <220> FEATURE:
179 <223> OTHER INFORMATION: epitope Ala 108 to Val 128 of A1 domain of Factor
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183 Ala Ser Glu Gly Ala Glu Tyr Asp Asp Gln Thr Ser Gln Arg Glu Lys
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194 <220> FEATURE:
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199 Glu Gly Ser Leu Ala Lys Glu Lys Thr Gln Thr Leu
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205 <212> TYPE: PRT
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208 <220> FEATURE:

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209 <223> OTHER INFORMATION: epitope Asp 203 to Ala 227 of A1 domain of Factor ✓
 210 VIII
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 216 20 25
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 224 <220> FEATURE:
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 232 20 25
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 241 <223> OTHER INFORMATION: epitope Asp 403 to Lys 425 of A2 domain of Factor ✓
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 245 Asp Asp Arg Ser Tyr Lys Ser Gln Tyr Leu Asn Asn Gly Pro Gln Arg
 246 1 5 10 15
 247 Ile Gly Arg Lys Tyr Lys Lys
 248 20
 251 <210> SEQ ID NO: 16
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 253 <212> TYPE: PRT
 254 <213> ORGANISM: Homo sapiens ✓
 256 <220> FEATURE:
 257 <223> OTHER INFORMATION: epitope Val 517 to Arg 527 of A2 domain of Factor ✓
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 261 Val Glu Asp Gly Pro Thr Lys Ser Asp Pro Arg
 262 1 5 10
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 267 <212> TYPE: PRT
 268 <213> ORGANISM: Homo sapiens ✓
 270 <220> FEATURE:
 271 <223> OTHER INFORMATION: epitope Tyr 555 to Gln 565 of A2 domain of Factor ✓
 272 VIII
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Input Set : A:\VANMA48001CP1SEQLIST.txt

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275 Tyr Lys Glu Ser Val Asp Gly Arg Gly Asn Gln
 276 1 5 10
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 281 <212> TYPE: PRT
 282 <213> ORGANISM: Homo sapiens
 284 <220> FEATURE:
 285 <223> OTHER INFORMATION: epitope His 693 to Gly 701 of A2 domain of Factor
 286 VIII
 288 <400> SEQUENCE: 18
 289 His Asn Ser Asp Phe Arg Asn Arg Gly
 290 1 5
 293 <210> SEQ ID NO: 19
 294 <211> LENGTH: 16
 295 <212> TYPE: PRT
 296 <213> ORGANISM: Homo sapiens
 298 <220> FEATURE:
 299 <223> OTHER INFORMATION: epitope Ser 710 to Asp 725 of A2 domain of Factor
 300 VIII
 302 <400> SEQUENCE: 19
 303 Ser Cys Asp Lys Asn Thr Gly Asp Tyr Tyr Gly Asp Ser Tyr Glu Asp
 304 1 5 10 15
 307 <210> SEQ ID NO: 20
 308 <211> LENGTH: 12
 309 <212> TYPE: PRT
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 312 <220> FEATURE:
 313 <223> OTHER INFORMATION: epitope Leu 730 to Ser 741 of A2 domain of Factor
 314 VIII
 316 <400> SEQUENCE: 20
 317 Leu Leu Ser Lys Asn Asn Ala Ile Glu Pro Arg Ser
 318 1 5 10
 321 <210> SEQ ID NO: 21
 322 <211> LENGTH: 13
 323 <212> TYPE: PRT
 324 <213> ORGANISM: Homo sapiens
 326 <220> FEATURE:
 327 <223> OTHER INFORMATION: epitope Ser 817 to Ser 830 of A2 domain of Factor
 328 VIII
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 331 Ser Asp Asp Pro Ser Gly Ala Ile Asp Ser Asn Asn Ser
 332 1 5 10
 335 <210> SEQ ID NO: 22
 336 <211> LENGTH: 15
 337 <212> TYPE: PRT
 338 <213> ORGANISM: Homo sapiens
 340 <220> FEATURE:
 341 <223> OTHER INFORMATION: epitope Ile 2081 to Ser 2095 of C domain of Factor
 342 VIII

VERIFICATION SUMMARY

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